

PATENT ABSTRACTS OF JAPAN

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(54) INFORMATION RECORDING DEVICE AND INFORMATION REPRODUCING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To multiplex a time code on a video signal without giving a burden on a device and to display accurate lapse time even in the case of interactive recording information.

SOLUTION: The time code shows lapse time in partial recording information at the time of reproducing partial recording information obtained by dividing interactive recording information by the content type. Reproduced additional information SJ including the time code SJC which is reset at the head of partial recording information and time base information corresponding to lapse time are multiplexed at every GOP in video information in recording information so as to be recorded. Structure recording information including a start address in recording information of partial recording information and reproduction time of partial recording information is recorded in an area different from an area where partial recording information and reproduced additional information are recorded. At the time of reproduction, the video signal and the time code are multiplexed with time base information (PTS) SJT as a reference (mediation). Furthermore, a system accesses to a desired reproduction position based on structure additional information.

SJ-再生時間情報		
Field	No. of bits	Value
RJP-packet_start_code_prefix	24	00093:h
SJS-stream_id	8	8Fh
GJL-PES_packet_length	16	
EJT-PTS_of_reproduced_video	32	
SJC-CELTc	32	

